



INFORMATION TECHNOLOGY PLANNING

**A Tool for Coordinating and Managing
Information Technology**



<http://www.cio.sc.gov>



IT Planning Cycle

- Notification emailed August 23
- Fiscal Year 2005-06
- Due Back October 15, 2004
- www.cio.sc.gov
- "IT Planning"



<http://www.cio.sc.gov>



IT Planning Process

- Base Budget & New Applications
- \$50,000 per application
- Proviso 72.28 – Appropriations Act
- Reports completed by January 2005





Evaluation Process

- Past
 - Solely “The Need”
- Present
 - SC Enterprise Architecture
 - Statewide Strategic IT Plan
 - Business Case Analysis
 - Project Management





SOUTH CAROLINA BUDGET AND CONTROL BOARD
DIVISION OF THE STATE CHIEF INFORMATION OFFICER



South Carolina Enterprise Architecture & IT Planning

<http://www.cio.sc.gov>

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South Carolina Enterprise Architecture

- Acquisition and Use
- Comply
 - www.cio.sc.gov
- Waiver Process

<http://www.cio.sc.gov>

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SCEA Taxonomy			
DOMAINS	DISCIPLINES		
	<ul style="list-style-type: none"> Established Standard Intent To Publish 9 -20-04 		
Presentation Services	<ul style="list-style-type: none"> Desktop Hardware Laptop Hardware Client Operating Systems 	<ul style="list-style-type: none"> Collaborative File Formats Dumb Terminals PDA Operating Systems 	<ul style="list-style-type: none"> Desktop Productivity Tools Web Accessibility Assistive Technology
Communication Services	<ul style="list-style-type: none"> WAN/LAN Protocols Hardware - Switches & Routers Remote Access Methods & Clients 	<ul style="list-style-type: none"> LAN Topologies LAN Wiring Wireless LAN Communications Directory, Network OS 	<ul style="list-style-type: none"> Enterprise Telecommunications - Video Enterprise Telecommunications - Voice Email Services Unified Messaging (deferred)
Security	<ul style="list-style-type: none"> Identification Authentication Policy & Practice 	<ul style="list-style-type: none"> Authorization/ Access Control Administration Audit 	
Computing Services	<ul style="list-style-type: none"> Mainframe Hardware & OS Mainframe & Application Server Integrated Service Environment Mainframe & Mid-tier Database Servers 	<ul style="list-style-type: none"> Service & Data Layer Servers Web Server OS Middleware Storage Subsystem - DASD/SAN 	<ul style="list-style-type: none"> Storage Subsystem - Tape Storage Mid-tier Storage, Backup/Archival SW & CD Web Commerce (shared Enterprise Apps.)
Enterprise Applications	<ul style="list-style-type: none"> Geographic Information Systems (GIS) Enterprise Resource Planning (ERP) Document Management Business Intelligence (BI) 	<ul style="list-style-type: none"> Web Commerce (shared Computing Services) Supply Chain Management (deferred) Customer Relationship Management (deferred) 	
System Mgmt. Services	<ul style="list-style-type: none"> Problem/Change/Configuration Management Performance and Capacity Management Network/Events Monitoring 	<ul style="list-style-type: none"> Software Distribution End User Support Asset Management Disaster Recovery 	


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Statewide Strategic IT Plan

&

IT Planning



<http://www.cio.sc.gov>



Statewide Strategic IT Plan

- Section 11-35-1580 Code of Laws
- Focus on the Nineties
- New Statewide Strategic IT Plan
- December 31, 2004



Statewide Strategic IT Plan, cont.

- Development Process
- Consultant
- Agency CIO's Session
 - Identify Issues
 - Recommendations
 - Serve as Foundation





Statewide Strategic IT Plan, cont.

- Executive Planning Session
 - Key Stakeholders/Participants
 - Senior Executives
 - Budget Representatives
 - Business Leaders
 - Utilize Recommendations



Statewide Strategic IT Plan, cont.

- Executive Planning Session
 - Determine Central Theme
 - Develop IT Vision
 - Identify Business Drivers, Imperatives and Goals





Statewide Strategic IT Plan, cont.

- Executive Planning Session
 - Establish 4-6 Specific Goals
 - Identify Measures to Gauge State



Statewide Strategic IT Plan, cont.

- Other Deliverables
 - Methodology to Map the Agency IT Plans to the Statewide Strategic IT Plan
 - Methodology to Refresh Statewide Strategic IT Plan





Business Case Analysis & IT Planning



Business Case Analysis

- Inconsistent Planning Information
 - Sketchy justifications
 - Content is inconsistent from agency to agency
 - Need clarification and additional information
 - Agencies not clear what we need





Business Case Analysis, cont.

- New Approach
 - Beginning FY 2006-07 all Major, Multi-agency and Enterprise Technology Projects will require a Business Case Analysis
 - Draft Business Case Analysis Template
 - www.cio.sc.gov
 - "Business Case Template"
 - Scale Back



Business Case Analysis, cont.

- New Approach, cont.
 - Eventual Format
 - Nature of the problem
 - Proposed solution
 - Improvements expected
 - Success measurements
 - Costs
 - Possible obstacles
 - Researching and Evaluating Other States
 - Soliciting Partnership





Project Management Oversight & IT Planning



Project Management Oversight

- 15% - Projects Fail
- 51% - Over Budget, Over Time, Lack Critical Features
- Project Management Office established 2002
- Project Management Policy adopted





Project Management Oversight, continued

- Beginning July 1, 2005
- Projects - \$50,000 or more requires project management methodology
- All Major, Multi-agency and Enterprise Technology Projects requires a project manager



Project Management Oversight, continued

- Planning Office will identify and notify PMO
- www.cio.sc.gov
 - "IT Project Management"





Conclusion

- Reshape IT Planning Process
 - Valuable Tool for Legislature
 - Tool for Agencies
 - Value to Agencies

